

### **Amendments to the Claims**

This listing of claims will replace all prior versions, and listings, of claims in the application:

#### **Listing of Claims**

1. (Currently Amended) A medical device, comprising:

an elongate core member having a longitudinal axis, wherein the core member includes a solid cross-sectional portion having a solid, non-hollow cross-section taken perpendicular to the longitudinal axis;

a polymer jacket ~~disposed over~~ affixed to at least a portion of the solid cross-sectional portion of the core member, the polymer jacket having a textured outer surface; and

wherein the textured outer surface is defined by a helical groove formed in the outer surface of the polymer jacket.

2. (Original) The medical device of claim 1, further comprising a coating disposed over the polymer jacket.

3. (Original) The medical device of claim 1, wherein the helical groove has rounded edges.

4. (Original) The medical device of claim 1, wherein the polymer jacket is free of a coil.

5. (Original) The medical device of claim 1, wherein the helical groove is positioned proximally of a distal tip of the medical device.

6. (Currently Amended) An intravascular guidewire, comprising:

an elongate core member having a proximal end region and a distal end region, the distal end region having a solid, non-hollow cross-section taken perpendicular to a longitudinal axis of the elongate core member;

a polymer jacket ~~disposed over~~ affixed to the distal end region of the core member, the polymer jacket having a textured outer surface; and

wherein the textured outer surface is defined by a helical channel formed in the outer surface of the polymer jacket.

7. (Original) The guidewire of claim 6, further comprising a coating disposed over the polymer jacket.

8. (Original) The guidewire of claim 6, wherein the helical channel has rounded edges.

9. (Original) The guidewire of claim 6, wherein the polymer jacket is free of a coil.

10. (Original) The guidewire of claim 6, wherein the textured outer surface of the polymer jacket is positioned proximally a distance from a distal end of the polymer jacket.

11. (Previously Presented) The guidewire of claim 10, wherein the textured outer surface is positioned about 2 to about 20 centimeters from the distal end of the polymer jacket.

12-32. (Cancelled)

33. (Currently Amended) A medical guidewire, comprising:  
a solid, non-hollow elongate core member having a proximal region and a distal region;  
a polymer jacket ~~disposed over~~ affixed to the distal region of the elongate core member, the polymer jacket having an outer surface, wherein a helical channel is formed in the outer surface of the polymer jacket; and  
a coating disposed over the polymer jacket.

34. (Previously Presented) The medical guidewire of claim 33, wherein the helical channel has rounded edges.

35. (Currently Amended) A medical guidewire comprising:  
an elongate core member having a proximal region and a distal region, the distal region of the elongate core member including a tapered diameter portion; and

a polymer jacket ~~disposed over~~ affixed to at least a portion of the tapered diameter portion of the distal region of the elongate core member;

wherein the polymer jacket has a textured outer surface defined by a helical groove formed in the outer surface of the polymer jacket.

36. (Previously Presented) The medical guidewire of claim 35, wherein the distal region of the elongate core member includes a constant diameter portion.

37. (Previously Presented) The medical guidewire of claim 36, wherein the polymer jacket is disposed over at least a portion of the constant diameter portion of the distal region of the elongate core member.

38. (Previously Presented) The medical guidewire of claim 37, further comprising a coating disposed over the polymer jacket.